

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF APICAL INDUSTRIES DBA DART AEROSPACE. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF APICAL INDUSTRIES DBA DART AEROSPACE IS PROHIBITED.

REVISIONS										DATE	APPROVED
J	INCORPORATED ECN 06115	12/04/18	P. BRAVO	D	INCORPORATED ECN 05845	08/28/17	P. BRAVO	REV	DESCRIPTION		
K	INCORPORATED ECN 06148	03/13/19	P. BRAVO	E	INCORPORATED ECN 05870	12/05/17	P. BRAVO	N/C	INITIAL RELEASE	06/25/16	P. BRAVO
				F	INCORPORATED ECN 05927	02/05/18	P. BRAVO	A	INCORPORATED ECN 05578 AND 05597	10/24/16	P. BRAVO
				G	INCORPORATED ECN 05965	05/01/18	P. BRAVO	B	INCORPORATED ECN 05726	03/26/17	P. BRAVO
				H	INCORPORATED ECN 05969	09/25/18	P. BRAVO	C	INCORPORATED ECN 05759 & 05823	08/07/17	P. BRAVO

18 CONFIGURATION TABLE

A	KIT P/N	DESCRIPTION	BASE BOM	DELETE	ADD	NOTES
	DELETED					
	DELETED					
	651.3407	EMERGENCY FLOAT KIT	651.3402	646.5408	646.5410 651.0208	651.3402 KIT, W/HOIST GUARD FWD RH
	651.3408	EMERGENCY FLOAT KIT	651.3402	646.5407	646.5409 651.0206	651.3402 KIT, W/HOIST GUARD FWD LH
	DELETED					
	651.3415	FLOAT REMOVABLE	651.3411	NONE	651.4104 651.3431	FLOAT REMOVABLE PROVISION KIT, COMPATIBLE W/OEM FIXED PROVISIONS
	DELETED					
	DELETED					
	651.3418	FLOAT REMOVABLE	651.3411	646.5408	646.5410 651.0208	FLOAT W/HOIST GUARD FWD RH, REMOVABLE PROVISIONS KIT
	651.3419	FLOAT REMOVABLE	651.3411	646.5407	646.5409 651.0206	FLOAT W/HOIST GUARD FWD LH, REMOVABLE PROVISIONS KIT
B	DELETED					
	DELETED					
	DELETED					
	DELETED					
	651.3424	FLOAT REMOVABLE	651.3411	646.5408	651.4104, 646.5410, 651.0208, 651.3431	FLOAT W/HOIST GUARD FWD RH, REMOVABLE PROVISION KIT, COMPATIBLE W/ OEM FIXED PROVISIONS
	651.3425	FLOAT REMOVABLE	651.3411	646.5407	651.4104, 646.5409, 651.0206, 651.3431	FLOAT W/HOIST GUARD FWD LH, REMOVABLE PROVISION KIT, COMPATIBLE W/ OEM FIXED PROVISIONS
	DELETED					
	DELETED					
	DELETED					
	DELETED					
C	651.3432	EMERGENCY FLOAT W/ 8 MAN ETSO LIFERAFT KIT	651.3401	646.5501, 646.5502, 646.6002(2), 646.4301, 646.7503, 20462-4(2)	646.5543, 646.5544, 646.6003(2), 646.4302, 646.7504, 648.5201(2)	STANDARD 651.3401 KIT w 8 MAN ETSO LR
	651.3433	EMERGENCY FLOAT W/ 8 MAN ETSO LIFERAFT KIT	651.3401	646.5408, 646.5501, 646.5502, 646.6002(2), 646.4301, 646.7503, 20462-4(2)	646.5410, 651.0208, 646.5543, 646.5544, 646.6003(2), 646.4302, 646.7504, 648.5201(2)	651.3401 KIT w 8 MAN ETSO LR, W/HOIST GUARD FWD RH

NOTES:

NTO-2019-29-V

- FOR INSTALLATION INSTRUCTIONS REFER TO DOCUMENT II145-5.
- IDENTIFY IAW MPP-120 FOR FAA-PMA.
- APPLY A THIN COAT OF MASTINOX, F/N 76 TO ALL FAYING SURFACES.
- MATCH DRILL HOLES WITH CORRESPONDING ASSEMBLY.
- INSTALL F/N'S 87, 88, 89, 55, & 56, WET WITH F/N 97.
- ATTACH SAFETY WIRE, F/N 79, TO SCREWS ON TOP OF MULTICABLE BOX ONCE ALL CABLES HAVE BEEN RIGGED.
- INSTALL PLACARDS F/N 94 & F/N 95 ON INSTRUMENT PANEL IN PILOT'S VIEW. INSTALL PLACARD F/N 96 IN PLAIN VIEW IN FWD & AFT CABINS.
- APPLY A LAYER OF PRO-SEAL, F/N 77, AROUND THE TOP OF THE MULTICABLE BOX AFTER ALL CABLES HAVE BEEN RIGGED AND PRIOR TO ATTACHING BOX LID.
- USE COPPER WIRE, F/N 99, TO SECURE T-HANDLE ON PULL CABLE, F/N 22 & 23 TO THE T-HANDLE BRACKET, F/N 21.
- INSTALLATION OF SKID EXTENSION KIT, 651.3403 PER II145-5 ON STANDARD SKID GEAR.
- USE TYWRAP, F/N 69, TO ATTACH PULL CABLES & WIRES TO EXISTING ROUTING BUNDLES AS NEEDED.
- DRILL HOLE .438 THRU BOTTOM SKIN.
- DRILL HOLE .249 THRU BOTTOM SKIN.
- DRILL HOLE .312 THRU BOTTOM SKIN.
- CUT BUNA-N RUBBER, F/N 78, TO CORRECT SIZE AND ATTACH TO T-BOLT CLAMPS.
- APPLY A LAYER OF PRO-SEAL, F/N 77, UNDER F/N 65 PRIOR TO INSTALL.
- EXISTING FLOAT INSTALLATION POINT.
- FOR KIT DEFINITION, REFER TO CONFIGURATION TABLE FOR ALL KIT CONFIGURATIONS NOT SHOWN IN PARTS LIST.
- ALTERNATE: P/N 646.5910 PULL CABLE ASSEMBLY.
- ALTERNATE: P/N MASTINOX 1 OZ, MASTINOX.
- ALTERNATE: P/N 601.4038. USE ONLY WITH ALTERNATE P/N 601.4039
- ALTERNATE: P/N 601.4039. USE ONLY WITH ALTERNATE P/N 601.4038
- ALTERNATE: P/N 646.4103
- DELETED
- DELETED

NEXT ASSY (S)	ORIGINAL DATE (MO-DA-YR)	06/25/16	DART 3030 ENTERPRISE CT., SUITE A AEROSPACE VISTA, CA. 92081 APICAL INDUSTRIES, INC. (760)-724-5300 dba DART AEROSPACE	
	DRAWN BY	CHECKER		
	D. MEJIA	P. BRAVO	EC145 T2 EMERGENCY FLOAT AND LIFERAFT KIT	
	DRAWING APPROVAL			
	P. BRAVO	06/25/16	651.3400	
	CONTRACT No.			
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.05 3 PLACE DECIMALS ±.030 ANGLES ± .5°		SHEET	1 OF 9
			SCALE	NONE

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18 CONFIGURATION TABLE (CONT'D)

KIT P/N	DESCRIPTION	BASE BOM	DELETE	ADD	NOTES
651.3434	EMERGENCY FLOAT W/8 MAN ETSO LIFERAFT KIT	651.3401	646.5407, 646.5501, 646.5502, 646.6002(2), 646.4301, 646.7503, 20462-4(2)	646.5409, 651.0206, 646.5543, 646.5544, 646.6003(2), 646.4302, 646.7504, 648.5201(2)	651.3401 KIT W/8 MAN ETSO LR, W/HOIST GUARD FWD LH
651.3435	FLOAT W/8 MAN ETSO LIFERAFT REMOVABLE	651.3413	646.5501, 646.5502, 646.4301, 646.7503, 20462-4(2)	646.5543, 646.5544, 646.4302, 646.7504, 648.5201(2)	FLOAT W/8 MAN ETSO LR REMOVABLE PROVISIONS KIT
651.3436	FLOAT W/8 MAN ETSO LIFERAFT REMOVABLE	651.3413	646.5501, 646.5502, 646.4301, 646.7503, 20462-4(2)	651.4104, 651.3461, 646.5547, 646.5548, 646.4302, 646.7504, 648.5201(2)	FLOAT W/8 MAN ETSO LR REMOVABLE PROVISION KIT, COMPATIBLE W/OEM FIXED PROVISIONS
DELETED					
651.3438	FLOAT W/8 MAN ETSO LIFERAFT REMOVABLE	651.3413	646.5408, 646.5501, 646.5502, 646.4301, 646.7503, 20462-4(2)	646.5410, 651.0208, 646.5543, 646.5544, 646.4302, 646.7504, 648.5201(2)	FLOAT W/8 MAN ETSO LR, W/HOIST GUARD FWD RH, REMOVABLE PROVISIONS KIT
651.3439	FLOAT W/8 MAN ETSO LIFERAFT REMOVABLE	651.3413	646.5407, 646.5501, 646.5502, 646.4301, 646.7503, 20462-4(2)	646.5409, 651.0206, 646.5543, 646.5544, 646.4302, 646.7504, 648.5201(2)	FLOAT W/8 MAN ETSO LR, W/HOIST GUARD FWD LH, REMOVABLE PROVISIONS KIT
651.3440	FLOAT W/8 MAN ETSO LIFERAFT REMOVABLE	651.3413	646.5408, 646.5501, 646.5502, 646.4301, 646.7503, 20462-4(2)	651.4104, 646.5410, 651.0208, 651.3461, 646.5543, 646.5544, 646.4302, 646.7504, 648.5201(2)	FLOAT W/8 MAN ETSO LR, W/HOIST GUARD FWD RH, REMOVABLE PROVISION KIT, COMPATIBLE W/OEM FIXED PROVISIONS
651.3441	FLOAT W/8 MAN ETSO LIFERAFT REMOVABLE	651.3413	646.5407, 646.5501, 646.5502, 646.4301, 646.7503, 20462-4(2)	651.4104, 646.5409, 651.0206, 651.3461, 646.5543, 646.5544, 646.4302, 646.7504, 648.5201(2)	FLOAT W/8 MAN ETSO LR, W/HOIST GUARD FWD LH, REMOVABLE PROVISION KIT, COMPATIBLE W/OEM FIXED PROVISIONS
DELETED					
DELETED					
651.3444	EMERGENCY FLOAT W/ 8 MAN ETSO LIFERAFT KIT	651.3401	646.5407, 646.5408, 646.5501, 646.5502, 646.6002(2), 646.4301, 646.7503, 20462-4(2)	646.5409, 646.5410, 651.0206, 651.0208, 646.5543, 646.5544, 646.6003(2), 646.4302, 646.7504, 648.5201(2)	651.3401 KIT W/ HOIST GUARD FWD LH & RH
651.3445	FLOAT REMOVABLE PROVISIONS, LH	NONE	NONE	646.5409, 651.0206	FWD LH FLOAT ASSY W/HOIST GUARD, SINGLE FLOAT AND GUARD ONLY
651.3446	FLOAT REMOVABLE PROVISIONS, RH	NONE	NONE	646.5410, 651.0208	FWD RH FLOAT ASSY W/HOIST GUARD, SINGLE FLOAT AND GUARD ONLY
651.3447	FLOAT REMOVABLE PROVISIONS	NONE	NONE	646.5409, 646.5410, 651.0206, 651.0208	FWD LH & RH FLOAT ASSYS W/HOIST GUARD, SINGLE FWD FLOATS AND GUARDS ONLY
651.3448	ELEC FLOAT ACTIVATION W/8 MAN ETSO LIFERAFT REMOVABLE	651.3413	646.5501, 646.5502, 646.4301, 646.7503, 20462-4(2)	646.5543, 646.5544, 651.4104, 651.3459, 646.4302, 646.7504, 648.5201(2)	FLOAT W/8 MAN ETSO LR AND OEM ELECTRICAL ACTIVATION ONLY, REMOVABLE PROVISIONS KIT
651.3449	ELEC FLOAT ACTIVATION REMOVABLE	651.3411	NONE	651.4104, 651.3460	FLOAT ONLY, OEM ELECTRICAL ACTIVATION ONLY, REMOVABLE PROVISIONS KIT
651.3450	ELEC FLOAT ACTIVATION W/8 MAN ETSO LIFERAFT REMOVABLE	651.3413	646.5501, 646.5502, 646.5408, 646.4301, 646.7503, 20462-4(2)	646.5543, 646.5544, 651.4104, 651.3459, 646.5410, 651.0208, 646.4302, 646.7504, 648.5201(2)	FLOAT W/8 MAN ETSO LR AND OEM ELECTRICAL ACTIVATION ONLY, REMOVABLE PROVISIONS KIT, W/HOIST GUARD FWD RH
651.3451	ELEC FLOAT ACTIVATION W/8 MAN ETSO LIFERAFT REMOVABLE	651.3413	646.5501, 646.5502, 646.5407, 646.4301, 646.7503, 20462-4(2)	646.5543, 646.5544, 651.4104, 651.3459, 646.5409, 651.0206, 646.4302, 646.7504, 648.5201(2)	FLOAT W/8 MAN ETSO LR AND OEM ELECTRICAL ACTIVATION ONLY, REMOVABLE PROVISIONS KIT, W/HOIST GUARD FWD LH
651.3452	ELEC FLOAT ACTIVATION W/8 MAN ETSO LIFERAFT REMOVABLE	651.3413	646.5501, 646.5502, 646.5408, 646.5407, 646.4301, 646.7503, 20462-4(2)	646.5543, 646.5544, 651.4104, 651.3459, 646.5409, 646.5410, 651.0208, 651.0206, 646.4302, 646.7504, 648.5201(2)	FLOAT W/8 MAN ETSO LR AND OEM ELECTRICAL ACTIVATION ONLY, REMOVABLE PROVISIONS KIT, W/HOIST GUARD FWD RH & LH
651.3453	ELEC FLOAT ACTIVATION REMOVABLE	651.3411	646.5408	651.4104, 651.3460, 646.5410, 651.0208	FLOAT ONLY, OEM ELECTRICAL ACTIVATION ONLY, REMOVABLE PROVISIONS KIT, W/HOIST GUARD FWD RH
651.3454	ELEC FLOAT ACTIVATION REMOVABLE	651.3411	646.5407	651.4104, 651.3460, 646.5409, 651.0206	FLOAT ONLY, OEM ELECTRICAL ACTIVATION ONLY, REMOVABLE PROVISIONS KIT, W/HOIST GUARD FWD LH
651.3455	ELEC FLOAT ACTIVATION REMOVABLE	651.3411	646.5407, 646.5408	651.4104, 651.3460, 646.5409, 646.5410, 651.0208, 651.0206	FLOAT ONLY, OEM ELECTRICAL ACTIVATION ONLY, REMOVABLE PROVISIONS KIT, W/HOIST GUARDS LH & RH
651.3456	EMERGENCY FLOAT KIT	651.3402	646.5407, 646.5408	646.5409, 646.5410, 651.0206, 651.0208	651.3402 KIT W/ HOIST GUARD FWD LH & RH
651.3457	FLOAT W/8 MAN ETSO LIFERAFT REMOVABLE	651.3413	646.5501, 646.5502, 646.5407, 646.5408, 646.4301, 646.7503, 20462-4(2)	646.5543, 646.5544, 651.4104, 646.5409, 651.0206, 651.3461, 646.5410, 651.0208, 646.4302, 646.7504, 648.5201(2)	FLOAT W/8 MAN ETSO LR, W/HOIST GUARD FWD RH & LH, REMOVABLE PROVISION KIT, COMPATIBLE WITH OEM FIXED PROVISIONS
651.3458	FLOAT REMOVABLE	651.3411	646.5407, 646.5408	651.4104, 646.5409, 651.0206, 651.3431, 646.5410, 651.0208	FLOAT ONLY, W/HOIST GUARD FWD RH & LH, REMOVABLE PROVISION KIT, COMPATIBLE WITH OEM FIXED PROVISIONS
651.3459	FLOAT W/LR OEM FIXED SUPPLEMENTAL KIT, ELEC ONLY	651.3430	646.5910, 646.5907, 634.0501, 614.2302, 601.0730, 646.6002	646.6003(2)	FLOAT W/8 MAN ETSO LR OEM FIXED SUPPLEMENTAL KIT FOR OEM ELECTRICAL ACTIVATION ONLY
651.3460	FLOAT ONLY OEM FIXED SUPPLEMENTAL KIT, ELEC ONLY	651.3431	646.5907, 634.0501, 614.2302, 601.0730	NONE	FLOAT ONLY OEM FIXED SUPPLEMENTAL KIT FOR OEM ELECTRICAL ACTIVATION ONLY
651.3461	8 MAN ETSO LR OEM FIXED SUPPLEMENTAL KIT	651.3430	646.6002	646.6003(2)	FLOAT W/8 MAN ETSO LR, OEM FIXED SUPPLEMENTAL KIT
651.3462	AUTO ELEC INFLATION KIT	651.3404	651.4103, 651.4105	651.4101	AUTOMATIC ELECTRICAL INFLATION KIT FOR OEM FIXED PROVISIONS
651.3463	TRAKKA BRACKET KIT	N/A	NONE	652.1301, 652.1302	MODIFIED TRAKKA BRACKETS ONLY
651.3464	ELEC FLOAT ACTIVATION W/8 MAN ETSO LIFERAFT REMOVABLE	651.3413	646.5407, 646.5408, 646.5501, 646.5502, 646.4301, 646.7503, 20462-4(2)	651.4104, 646.5409, 646.5410, 651.0206, 651.0208, 646.5543, 646.5544, 646.4302, 646.7504, 648.5201(2), 651.3409	FLOAT W/8 MAN ETSO LR, OEM ELEC ACTIVATION ONLY, REMOVABLE PROVISIONS, W/HOIST GUARD RH & LH, FLOAT & LR VALVE COVERS

ORIGINAL DATE
(MO-DA-YR) 05/25/16
DRAWN BY D. MEJIA
CHECKER P. BRAVO
DRAWING APPROVAL
P. BRAVO 06/25/16
CONTRACT No.

DART AEROSPACE
APICAL INDUSTRIES, INC.
dba DART AEROSPACE
3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.05
3 PLACE DECIMALS ±.030
ANGLES ±.5°

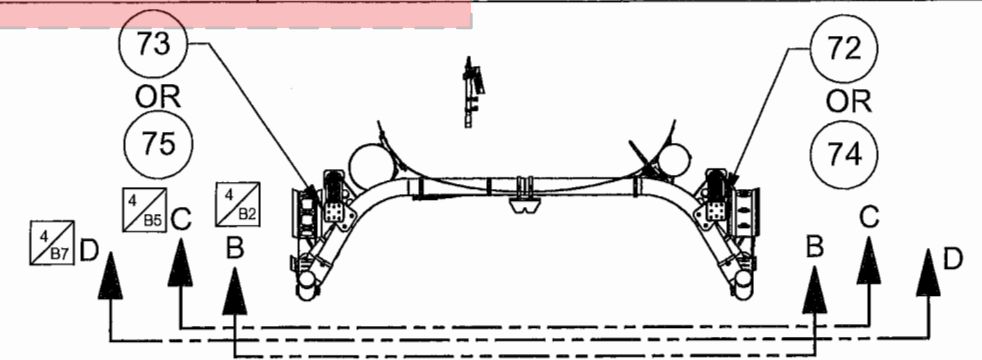
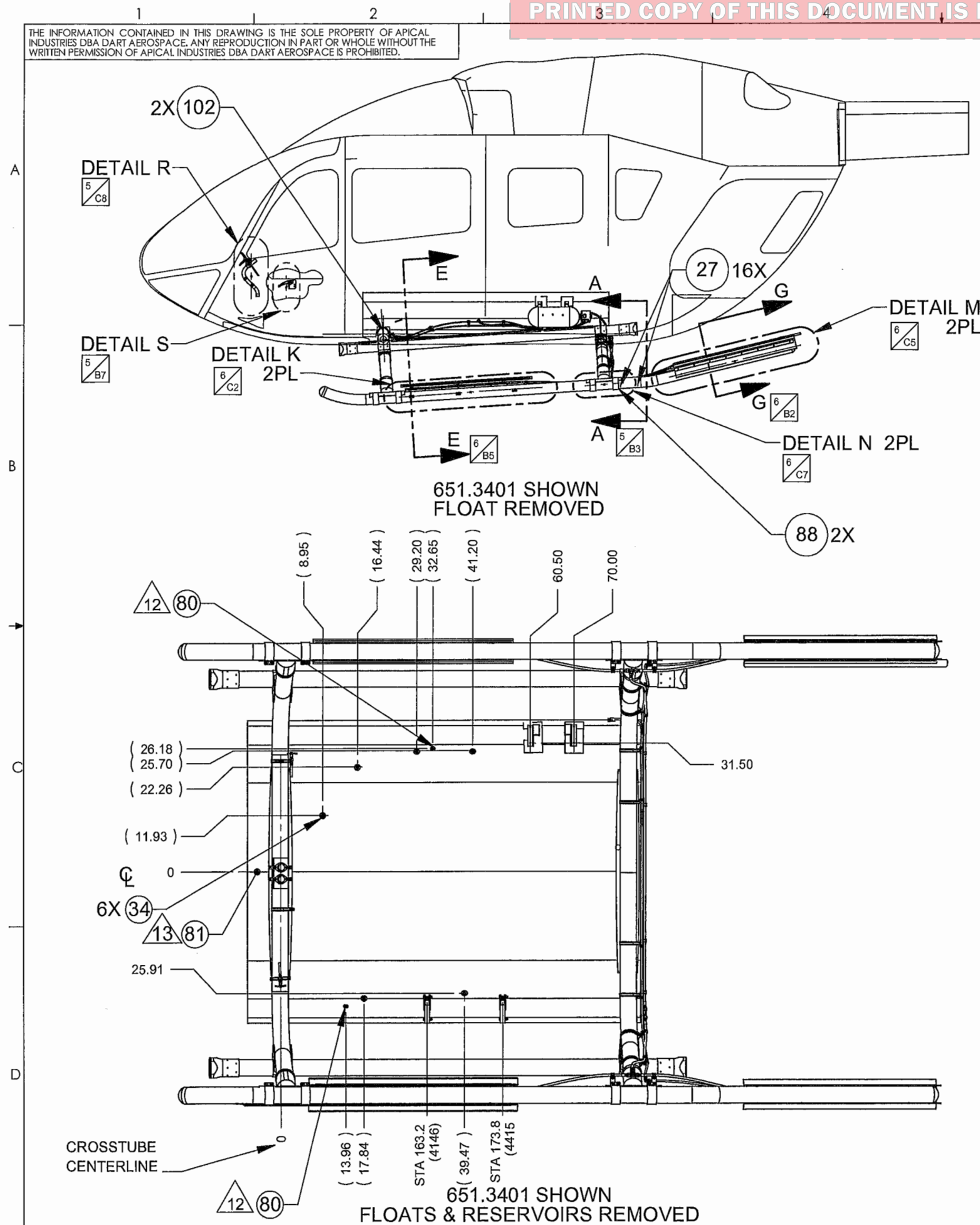
EC145 T2 EMERGENCY
FLOAT AND LIFERAFT KIT
SIZE B CAGE CODE 07MZ6 DWG. NO. 651.3400 REV. K
SCALE NONE SHEET 2 OF 9

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4FT	8FT		8FT		4FT			4FT	8FT	79	601.1876	SAFETY WIRE	MS20995C20		
1	1		1		1			1	1	78	600.0038	BUNA-N-RUBBER	MIL-R-3065		
1	1		1		1		1	1	77	601.1150	SEMKIT PRO SEAL	MIL-S-8802 CLASS B			
1	1		1		1			1	1	76	600.0927	MASTINOX	MIL-P-8116B	△	
								REF	REF	75	R853-00112000-01	UTILITY STEP ASSY (RH)			
								REF	REF	74	R853-00112000-00	UTILITY STEP ASSY (LH)			
								REF	REF	73	AFM-SM117-11	UTILITY STEP ASSY (RH)			
								REF	REF	72	AFM-SM117-10	UTILITY STEP ASSY (LH)			
		4		4				4	4	71	650.1310	-6 NIPPLE			
	10		10				10		10	70	600.0644	CONNECT RING			
4	4		4		4		10	4	4	69	601.1878	TYWRAP	MS23367-5		
14	66		66		14			14	66	68	601.1119	RIVET	MS20470AD4-5		
2	2		2		2		2	2	2	67	600.0926	EPOXY	1537A31 REV. C		
		4		4				4	4	66	634.4701	-6 QUICK DISCONNECT			
	2		2						2	65	646.7810	DOUBLER		△	
						4				64	601.1874	BOLT	AN3C10A		
			1		1					63	651.4006	H145 FIXED ASSY		△	
						4				62	601.1670	NYLON WASHER	NAS1515H3L		
		12		12				12	12	61	601.2246	NUT	MS21043-6		
		24		24				24	24	60	601.1882	WASHER	NAS1149C0663R		
		12		12				12	12	59	601.2245	BOLT	AN6-43A		
						4				58	601.0785	BOLT	AN3C6A		
		1							1	57	624.9001	MULTI CABLE BOX			
8	8		8		8			8	8	56	644.6111	SLEEVE			
16	16		16		16			16	16	55	644.6210	SLEEVE RETAINER			
1	1		1		1			1	1	54	646.5907	PULL CABLE ASSY	△		
5	10		10		5			5	10	53	600.0540	BOLT	AN3C3A		
22	38		38		22			22	38	52	601.0757	BOLT	AN3C4A		
54	98		98		54	24		54	98	51	601.0774	WASHER	NAS1149C0363R		
26	41		41		26	6		26	41	50	601.0789	NUT	MS21043-3		
	14		14			1			14	49	614.8010	TAB			
20"	20"		20"		20"			20"	20"	48	601.1806	HEAT SHRINK TUBING	MS23053/4303-0		
		2							2	47	20462-4	CLAMP ASSY			
		1		1				1	1	46	601.4035	RECEPTACLE COVER	MS3181-8A		
	1		1						1	45	614.6202	PULL HANDLE LEVER			
1	1		1		1			1	1	44	634.0501	HANDLE SHIM			
1	1		1		1			1	1	43	614.2302	HANDLE ASSY			
1	1		1		1			1	1	42	601.0730	LOOP CLAMP	MS21919WDG17		
10	22		22		10			10	22	41	601.0797	LOOP CLAMP	MS21919WDG3		
	12		12						12	40	601.1592	LOOP CLAMP	MS21919WDG6		
9	13		13		9			9	13	39	601.0776	LOOP CLAMP	MS21919WDG8		
8	9		9		8			8	9	38	600.0685	LOOP CLAMP	MS21919WDG56		
3	3		3		3			3	3	37	601.1516	UNION TEE			
	1		1						1	36	601.2370	TEE -4			
	2		2						2	35	601.2368	ELBOW			
13	9		13		9			9	13	34	601.2956	CLICK BOND	CB3001CR3-8		
1	1		1		1			1	1	33	646.5910	PULL CABLE ASSY			
		1		1				1	1	32	646.7402	FLOAT RESERVOIR ASSY			
3431	3430	3413	3412	3411	3410	3409	3404	3403	3402	3401	F/N	P/N	DESCRIPTION	MAT'L	SPEC

		1								1	31	646.7503	LIFERAFT RESERVOIR ASSY		
		1								1	30	646.4301	CABLE BOX MOUNT ASSY		
	2		2							2	29	646.6002	BRACKET ASSY		
		2		2							28	651.4004	H145 REMOVABLE ASSY		
								16			27	601.3161	RIVET	CR3212-4-9	
									2	2	26	651.4003	H145 BRACKET ASSY		△16
	1		1							1	25	646.5904	PULL CABLE ASSY		
	1		1							1	24	646.5903	PULL CABLE ASSY		
	1		1							1	23	646.5902	PULL CABLE ASSY		
	1		1							1	22	646.5901	PULL CABLE ASSY		
	2		2							2	21	646.8401	T-HANDLE CLAMP ASSY		
									REF	20	602.3011	HOSE ASSY			
						1					19	647.9904	VALVE COVER ASSY		
	1		1							1	18	602.3010	HOSE ASSY		
	1		1							1	17	602.3009	HOSE ASSY		
	1		1							1	16	602.3008	HOSE ASSY		
						2					15	648.0202	CLAMP ASSY		
							2				14	649.5501	UPPER CLAMP ASSY		
2	2		2		2				2	2	13	602.3005	HOSE ASSY		
2	2		2		2				2	2	12	602.3004	HOSE ASSY		
1	1		1		1				1	1	11	602.3003	HOSE ASSY		
1	1		1		1				1	1	10	602.3002	HOSE ASSY		
1	1		1		1				1	1	9	602.3012	HOSE ASSY		
								2			8	646.6801	SKIDTUBE EXTENSION ASSY		
							1				7	651.4103	EC145 T2 ELEC ACTIVATION		
		1								1	6	646.5408	FWD FLOAT ASSY R.H.		
		1								1	5	646.5407	FWD FLOAT ASSY L.H.		
				1					1		4	646.5504	AFT FLOAT ASSY R.H.		
				1					1		3	646.5503	AFT FLOAT ASSY L.H.		
		1								1	2	646.5502	AFT FLOAT ASSY W/LIFERAFT R.H.		
		1								1	1	646.5501	AFT FLOAT ASSY W/LIFERAFT L.H.		
X												651.3431	FLOAT OEM FIXED SUPPLEMENTAL KIT		
	X											651.3430	FLOAT W/LR OEM FIXED SUPPLEMENTAL KIT		
		X										651.3413	FLOAT W/LIFERAFT REMOVABLE	REF. ONLY	
			X									651.3412	FLOAT W/LIFERAFT FIXED		
				X								651.3411	FLOAT ONLY REMOVABLE		
					X							651.3410	FLOAT ONLY FIXED		
						X						651.3409	VALVE COVER KIT		
							X					651.3404	AUTOMATIC ELEC INFLATION KIT		△
								X				651.3403	SKID EXTENSION KIT		△△△
									X			651.3402	EMERGENCY FLOAT KIT		△
										X		651.3401	EMERGENCY FLOAT W/LIFERAFT KIT	REF. ONLY	△
3431	3430	3413	3412	3411	3410	3409	3404	3403	3402	3401	F/N	P/N	DESCRIPTION	MAT'L	SPEC
QTY												PARTS LIST			
NEXT ASSY (S)												ORIGINAL DATE [MO-DA-YR] 06/25/16		<div><div><div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div><div><div></div><div></div></div><div><div></div><div></div></div><div><div></div><div></div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> <div><div></div><div></div></div> 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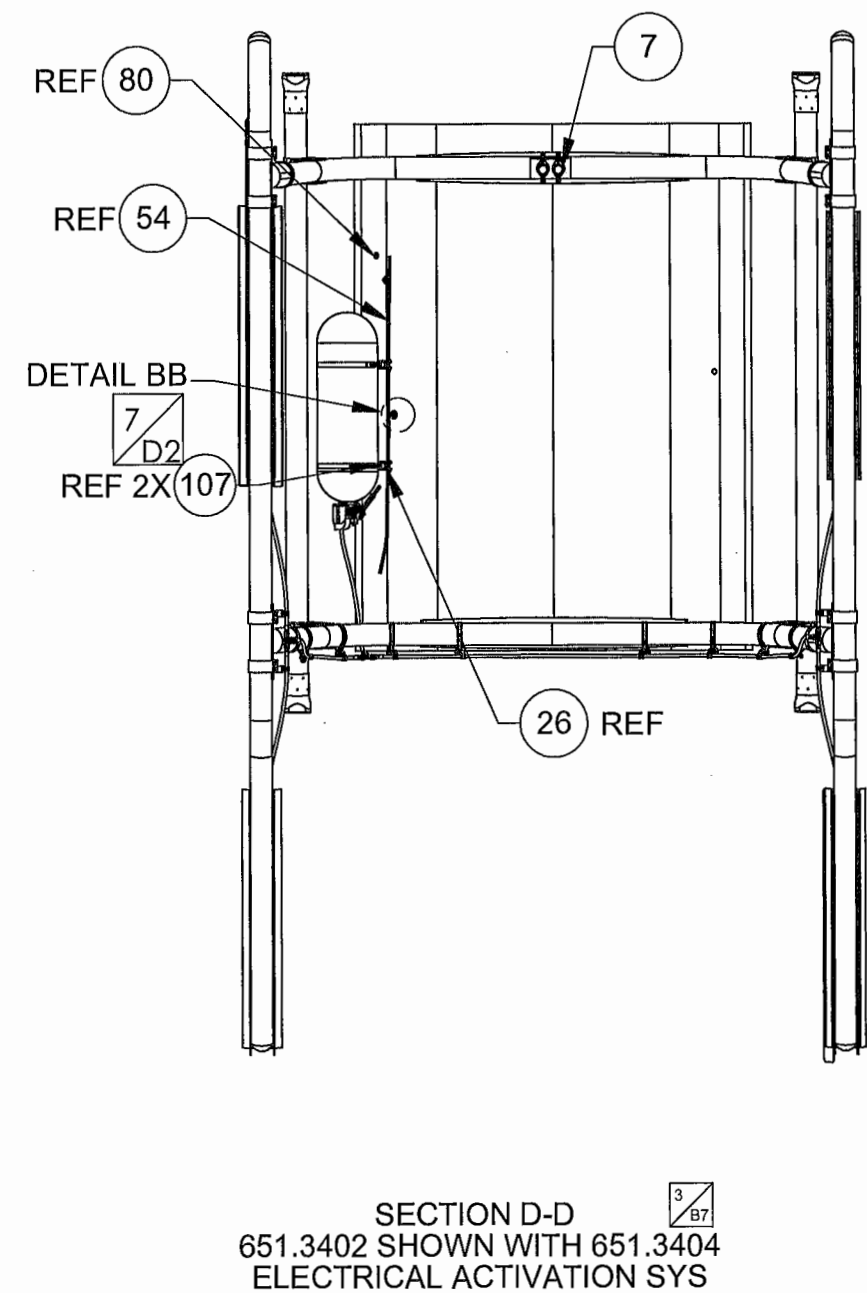
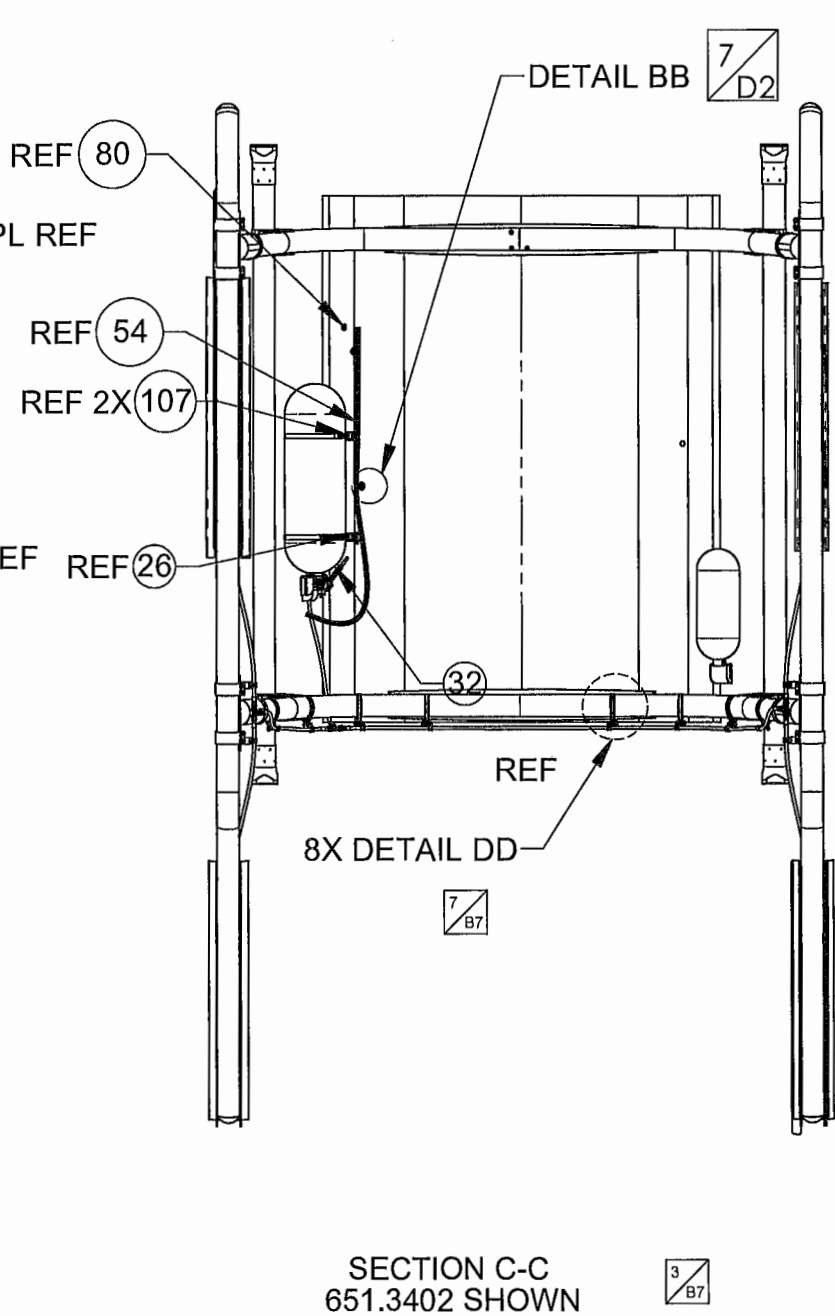
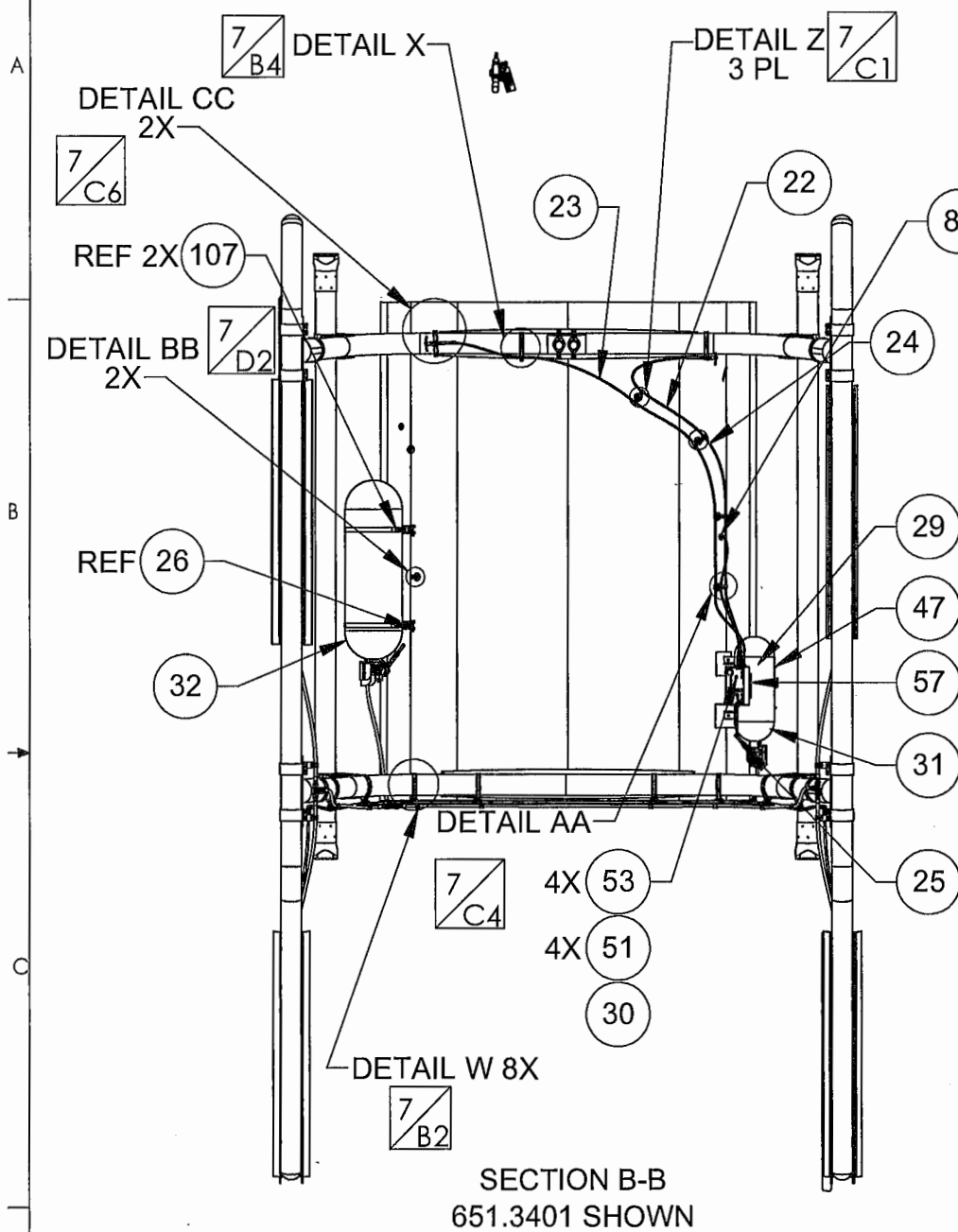
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1				1				1		116	634.9701	FLOAT PLACARD			△
	3FT		3FT						3FT	115	601.1641	SPIRAL WRAP			
							16			114	601.2347	RIVET	MS20470AD3-5		
							8			113	601.4072	CAP SCREW	NAS1352-04-8P		
							1			112	651.4105	EC145 T2 WIRING HARNESS			
							1			111	601.4044	RECEPTACLE COVER	523-MS3181-08CA	MS3181-08CA	
							1			110	601.4045	DUMMY RECEPTACLE	654-MS3115-8A	MS3115-8A	
							1			109	600.1040	CONDUCTIVE ADHESIVE		LOCTITE 3888	
							1			108	651.2214	DOUBLER			
		2		2				2	2	107	646.8101	CLAMP ASSY			
						1				106	647.9903	VALVE COVER ASSY			
							2			105	601.4020	NUTPLATE RING	AT283-8	FSU-8	
4	4		4	4				4	4	104	600.0786	BOLT	AN3C7A		
2	4		4	2				2	4	103	601.0718	COTTER PIN	MS4665-151		
2	2		2	2					2	102	600.0897	LIFERAFT LABEL			
8	8		8	8					8	101	601.2239	RIVET	CCR264CS-3-02		
4	8		8	4				4	8	100	601.1900	NUTPLATE	MS21059L3		
	2FT		2FT						2FT	99	601.1919	COPPER WIRE			
4	4		4	4				4	4	98	624.2202	AFT SADDLE BRACKET			
1	1		1	1				1	1	97	601.2045	RTV	LOCTITE 598		
	4		4						4	96	634.9703	EMERGENCY PLACARD			△
	1		1						1	95	634.9706	LIFERAFT PLACARD			△
	1		1						1	94	634.9720	FLOAT PLACARD			△
							4			93	601.1496	NUT	MS21083N4		
							8			92	601.0863	WASHER	NAS1149C0363R		
							4			91	601.0840	BOLT	AN4C40A		
4	4		4	4				4	4	90	601.1625	SPACER	NAS43DD3-24		
10FT	10FT		10FT	10FT				10FT	10FT	89	601.1347	SPIRAL WRAP			
							4			88	601.2994	BOLT			
32	32		32	32				32	32	87	601.1065	RIVET	CR3212-4-3		
	16		16						16	86	601.1774	RIVET	MS20470AD3-3		
	6		6						6	85	601.0720	BOLT	AN3C5A		
	2		2						2	84	601.1617	NUTPLATE	MS21075L3		
			REF						REF	83	601.3473	RIVET	NAS1097AD4-3		
	1		1						1	82	645.0210	DOUBLER			
							1			81	601.2255	GROMMET	MS35489-33		
1	3		3	1			1		1	3	80	601.1247	GROMMET	MS35489-11	
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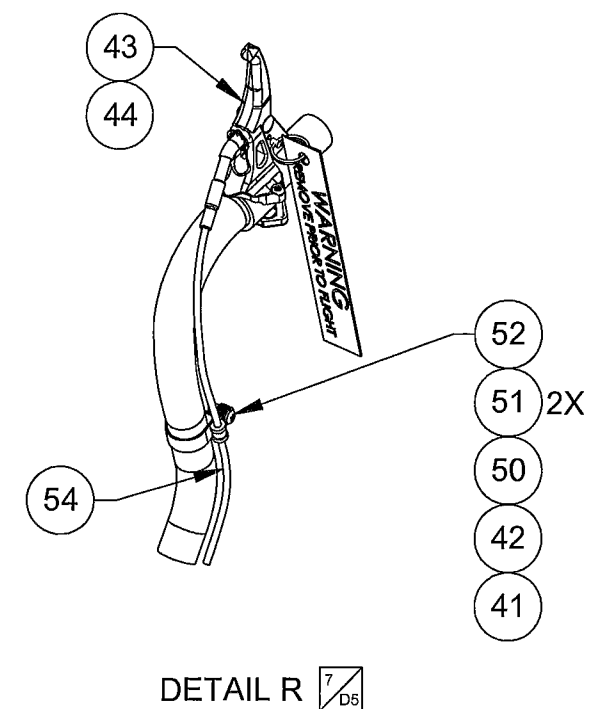
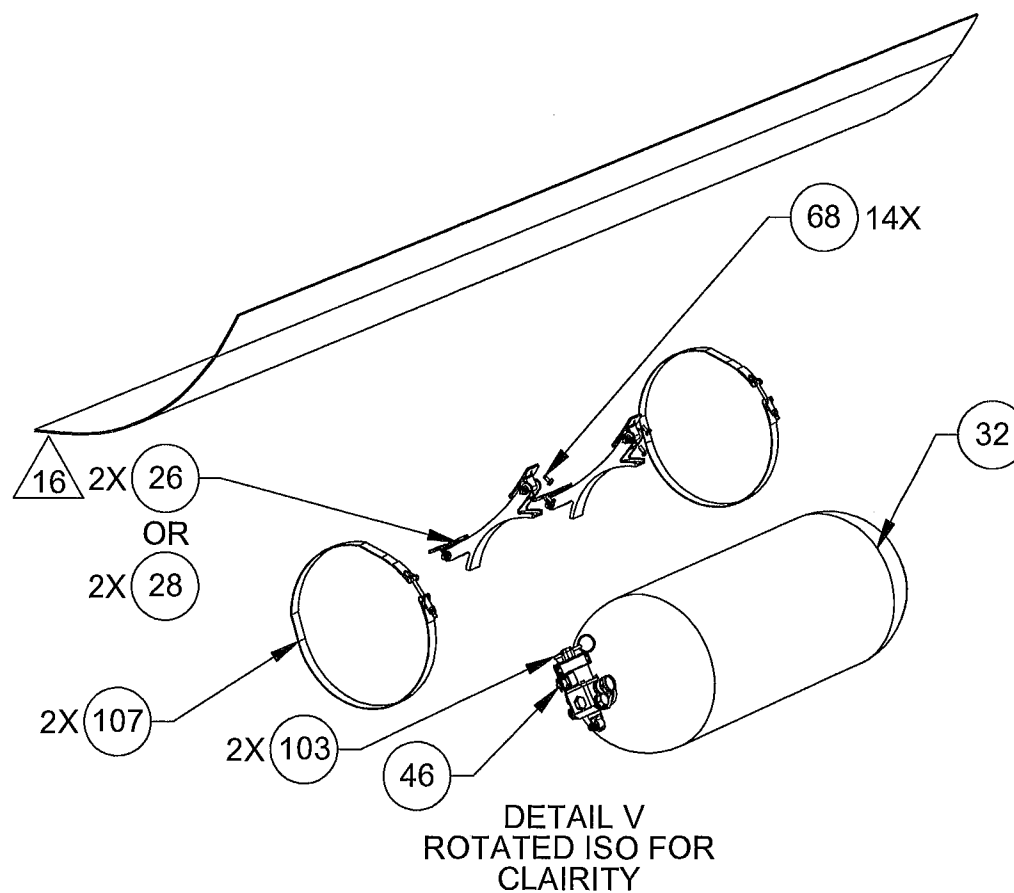
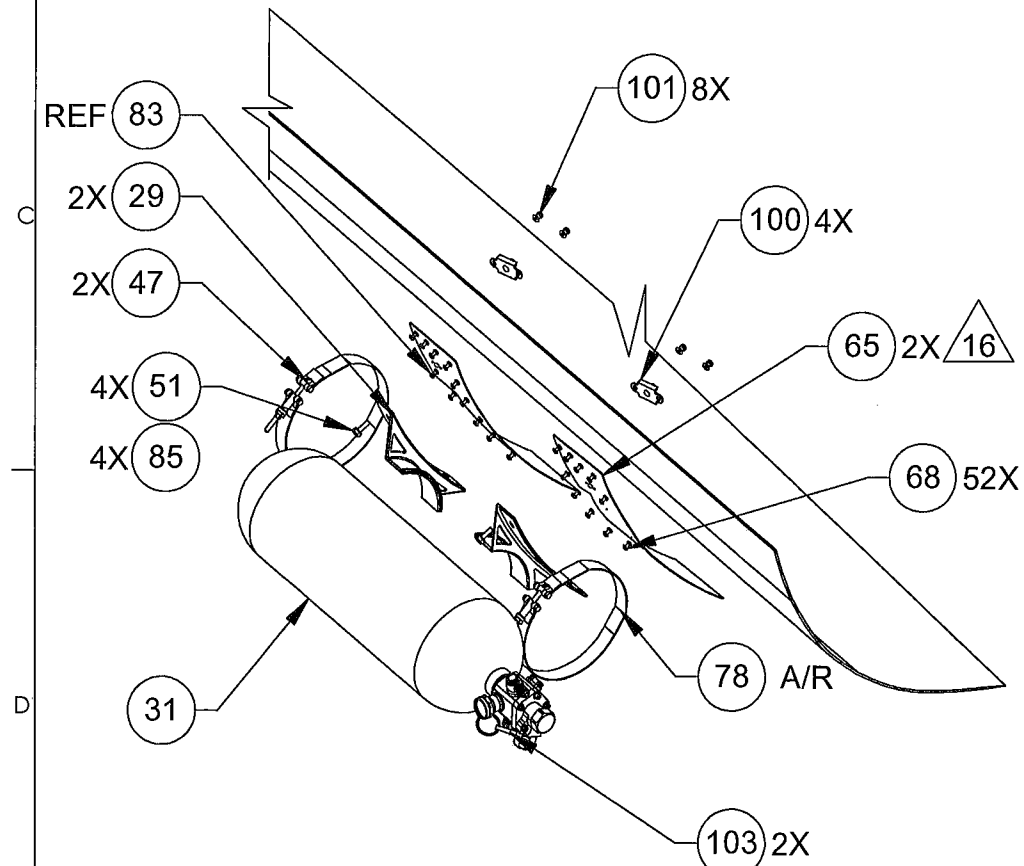
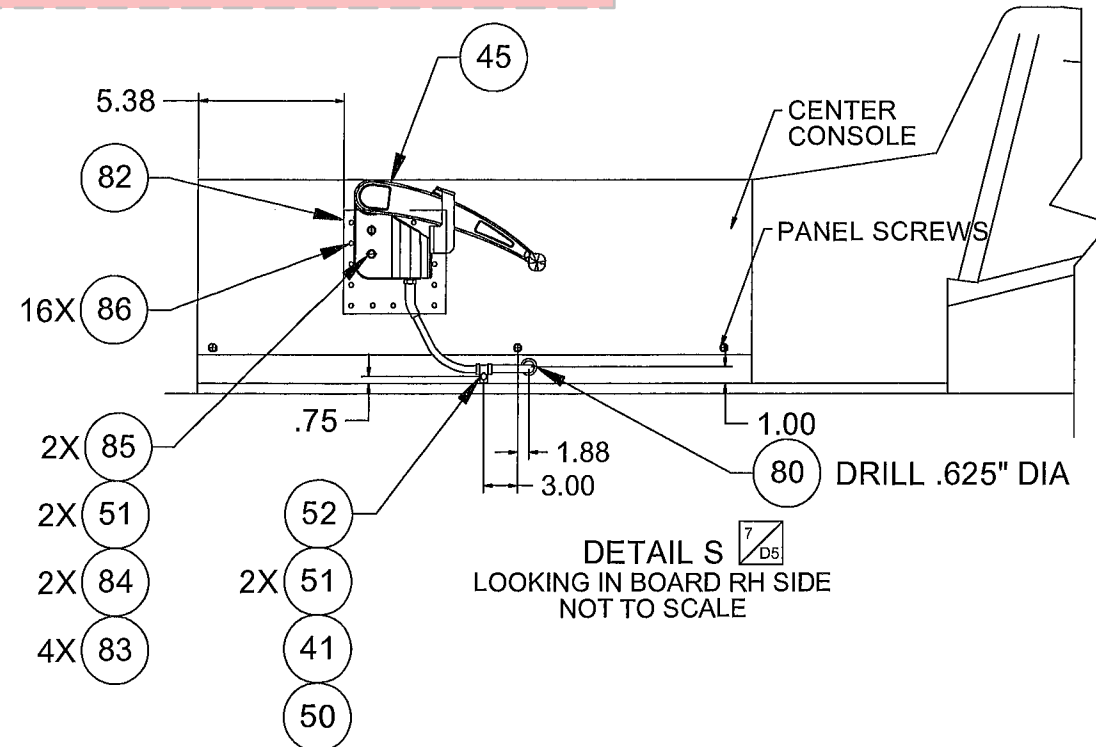
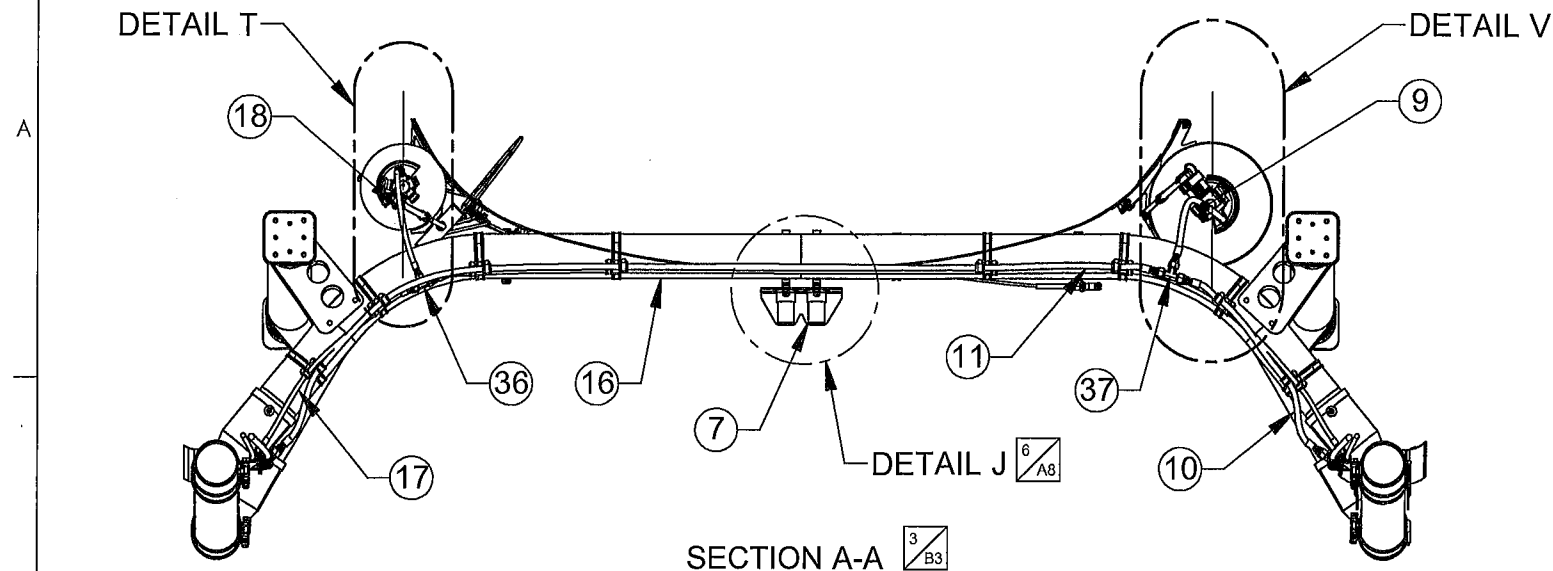
QTY		NEXT ASSY (S)		PARTS LIST	
				ORIGINAL DATE (MO-DA-YR) 06/25/16	
				DRAWN BY D. MEJIA CHECKER P. BRAVO	
				DRAWING APPROVAL P. BRAVO 06/25/16	
				CONTRACT No.	
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.05 3 PLACE DECIMALS ±.030 ANGLES ±.5°	
				DART AEROSPACE 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300 EC145 T2 EMERGENCY FLOAT AND LIFERAFT KIT	
				SIZE B CAGE CODE 07MZ6 DWG. NO. 651.3400 REV. K SCALE NONE SHEET 4 OF 9	

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ORIGINAL DATE (MO-DA-YR) 06/25/16		DART 3030 ENTERPRISE CT., AEROSPACE SUITE A APICAL INDUSTRIES, INC. VISTA, CA. 92081 dba DART AEROSPACE (760)-724-5300	
DRAWN BY D. MEJIA	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 06/25/16		CONTRACT No.	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.05 3 PLACE DECIMALS ±.030 ANGLES ±.5°		EC145 T2 EMERGENCY	
SIZE B	CAGE CODE 07MZ6	DWG. NO. 651.3400	REV. K
SCALE NONE		SHEET 5 OF 9	

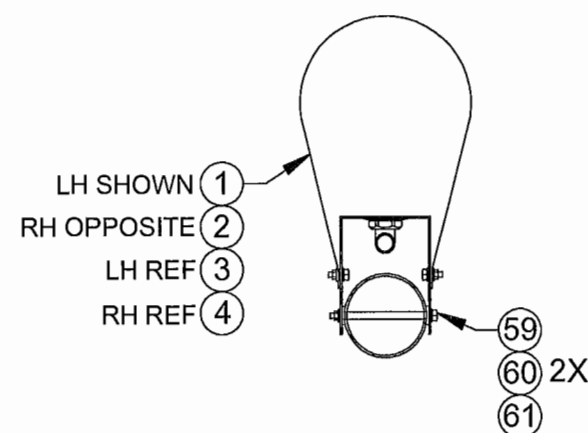
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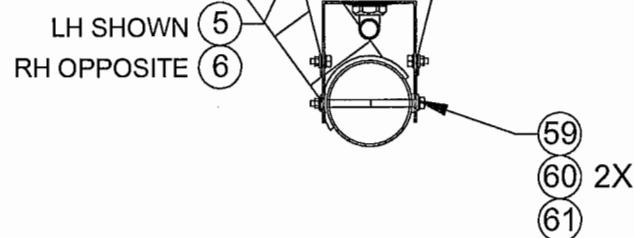
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DRAWN BY D. MEJIA	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 06/25/16		EC145 T2 EMERGENCY FLOAT AND LIFERAFT KIT DWG. NO. 651.3400 REV. K	
CONTRACT No.		SCALE NONE	SHEET 6 OF 9
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .05$ 3 PLACE DECIMALS $\pm .030$ ANGLES $\pm .5^\circ$			

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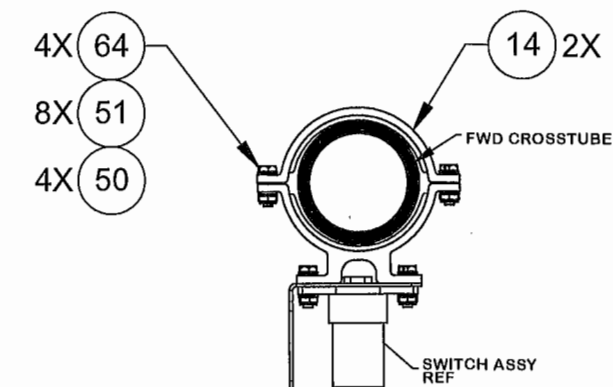
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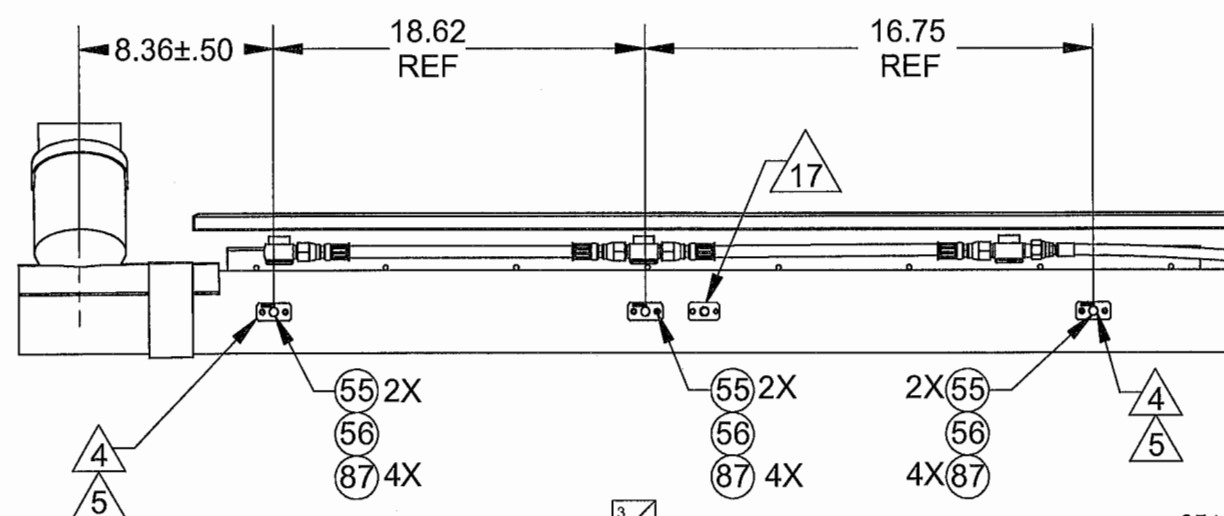
SECT G-G
TYP 6X



SECT E-E
TYP 6X

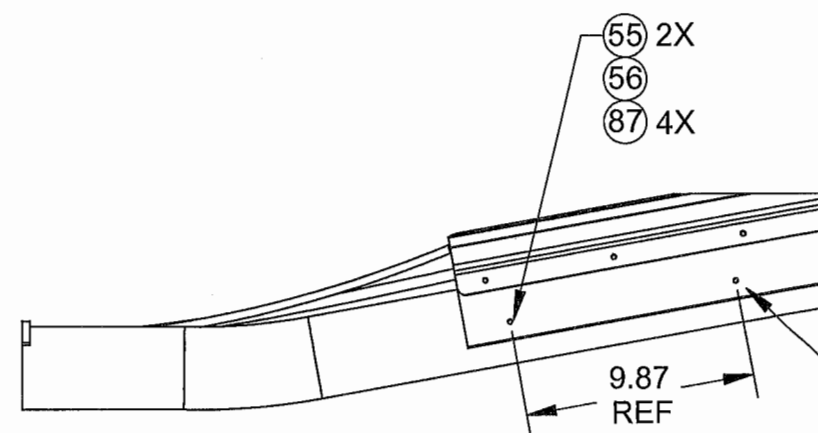


DETAIL J
651.3404 ONLY



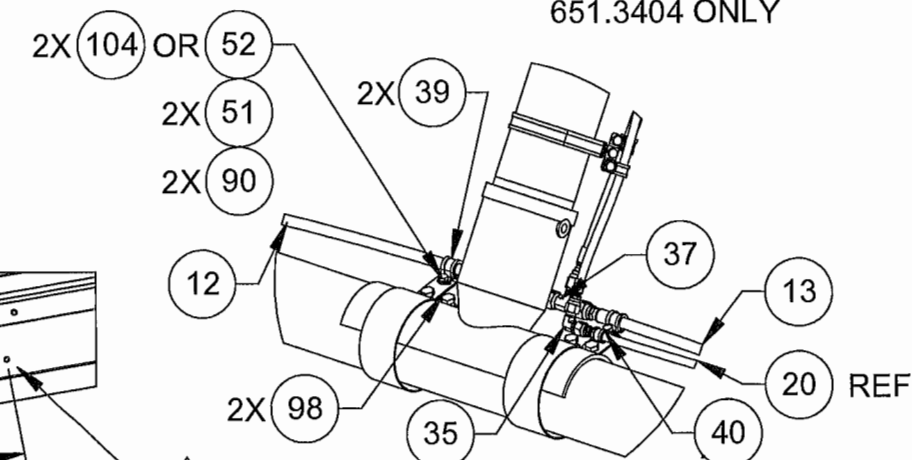
DETAIL K

FLOAT NOT SHOWN - 2X
651.3401 AND 651.3402 CONFIGURATION IF FLOAT GEAR IS USED

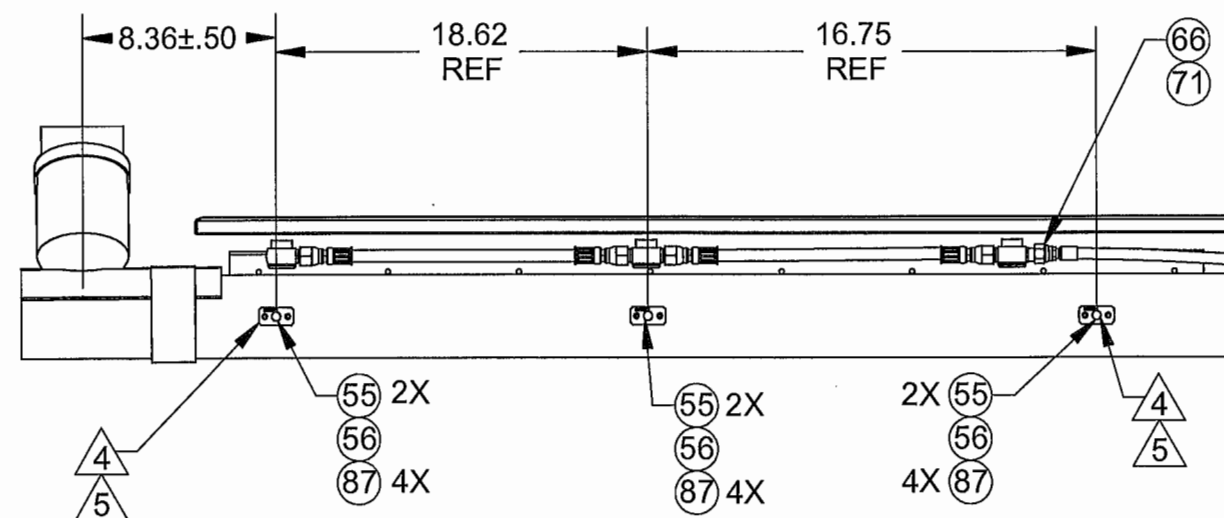


DETAIL M

FLOAT NOT SHOWN - 2X
651.3401 AND 651.3402 CONFIGURATION IF FLOAT GEAR IS USED

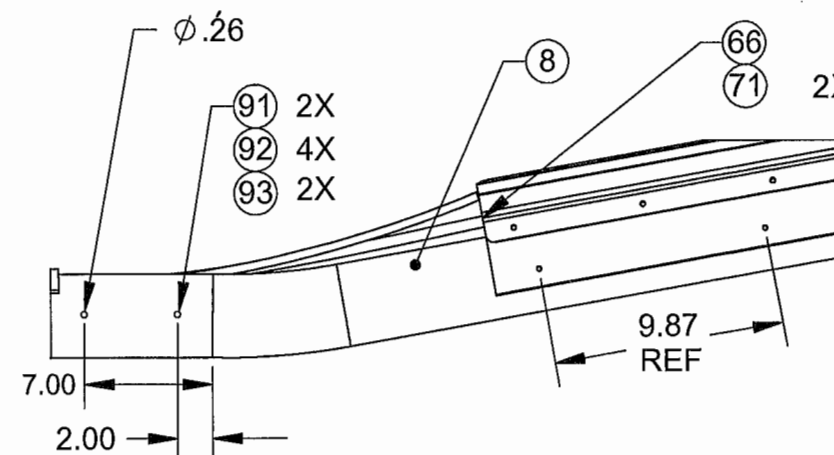


DETAIL N 2PL
651.3401 CONFIGURATION ONLY



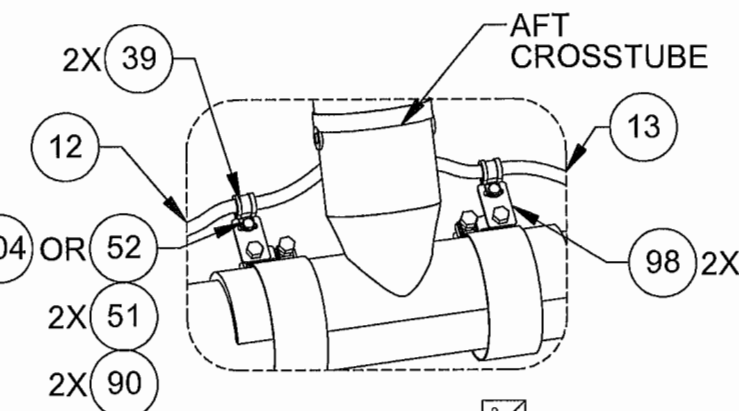
DETAIL K

FLOAT NOT SHOWN - 2X
651.3403 CONFIGURATION ONLY



DETAIL M

FLOAT NOT SHOWN - 2X
651.3403 CONFIGURATION ONLY



DETAIL N 2PL
651.3402 CONFIGURATION ONLY

ORIGINAL DATE
[MO-DA-YR] 06/25/16
DRAWN BY
D. MEJIA
CHECKER
P. BRAVO
DRAWING APPROVAL
P. BRAVO
06/25/16
CONTRACT NO.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS ±.05
3 PLACE DECIMALS ±.030
ANGLES ±.5°

DART 3030 ENTERPRISE CT.,
SUITE A
VISTA, CA. 92081
(760)-724-5300
APICAL INDUSTRIES, INC.
dba DART AEROSPACE

EC145 T2 EMERGENCY

SIZE B	CAGE CODE 07MZ6	DWG. NO. 651.3400	REV. K
SCALE NONE		SHEET 7 OF 9	

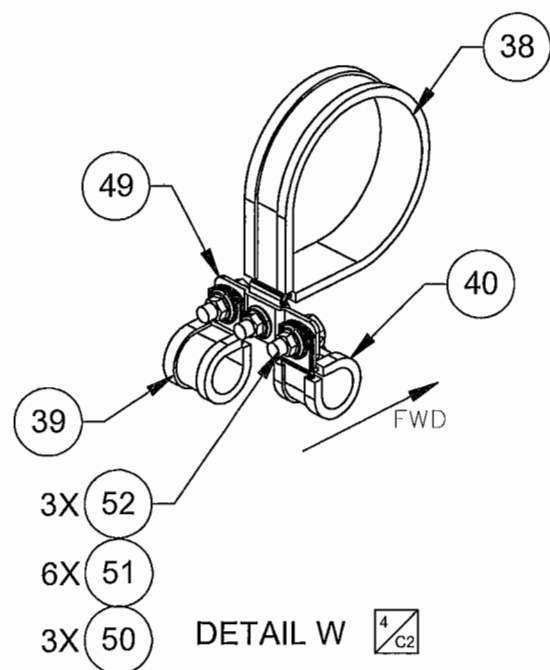
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A

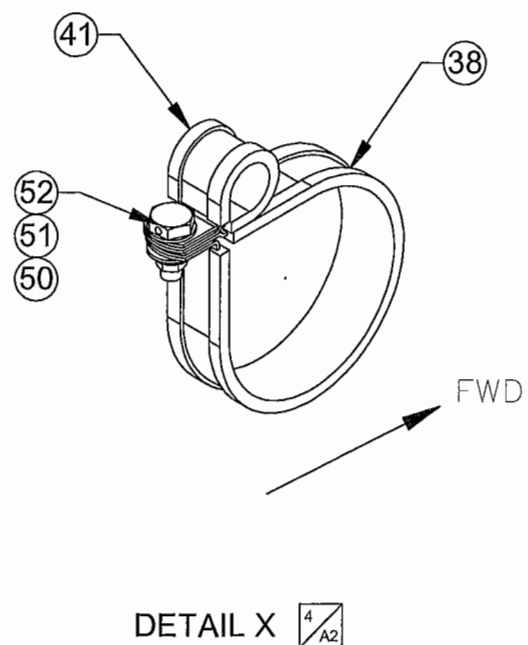
B

C

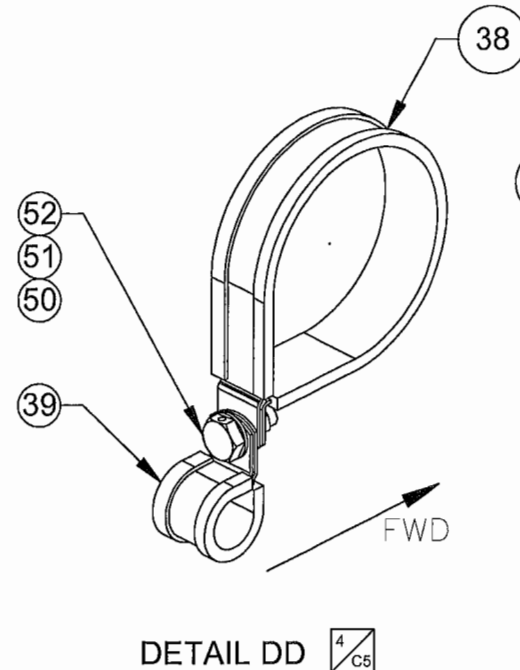
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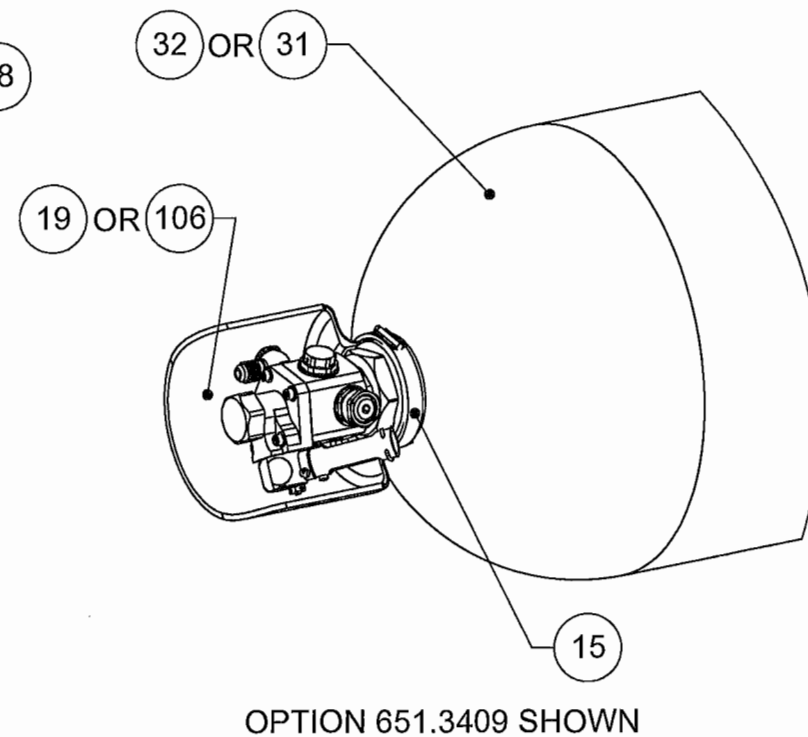
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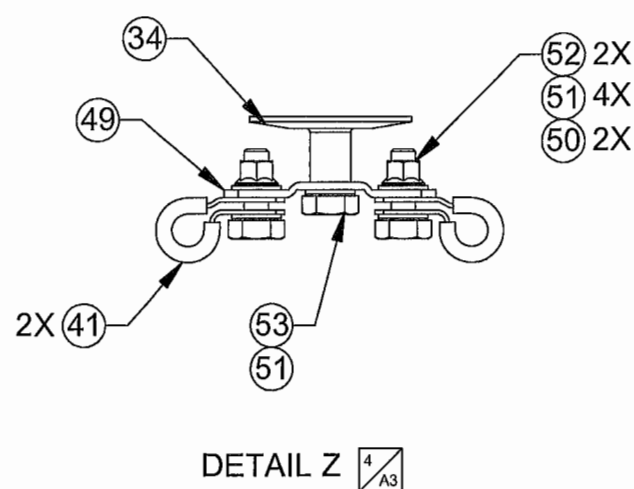
DETAIL X $\frac{4}{A2}$



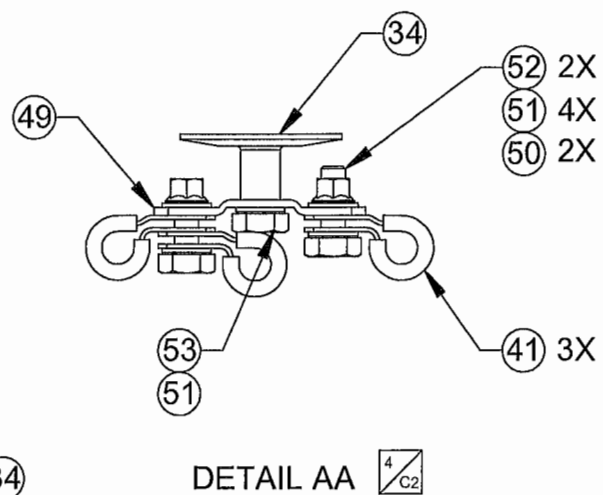
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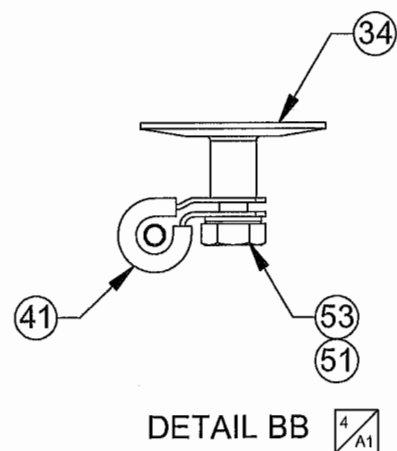
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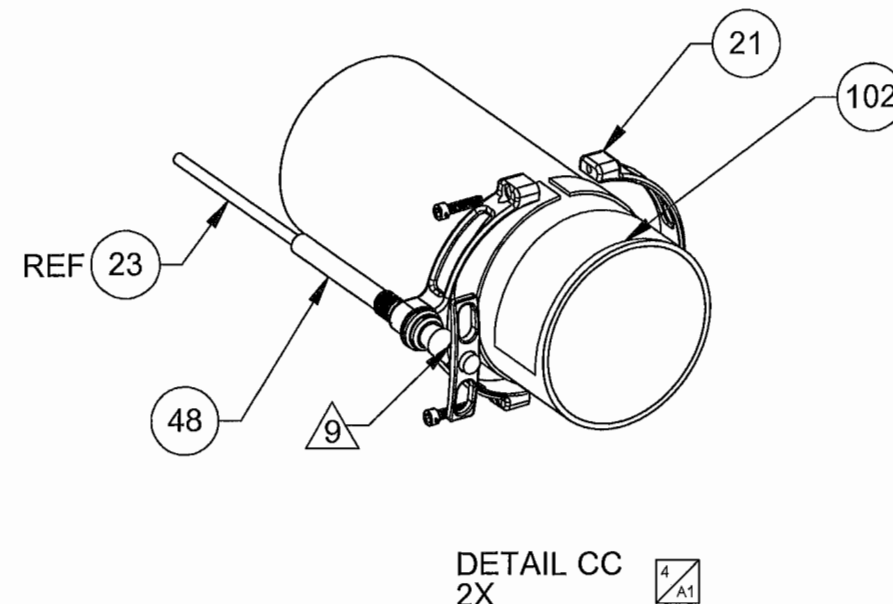
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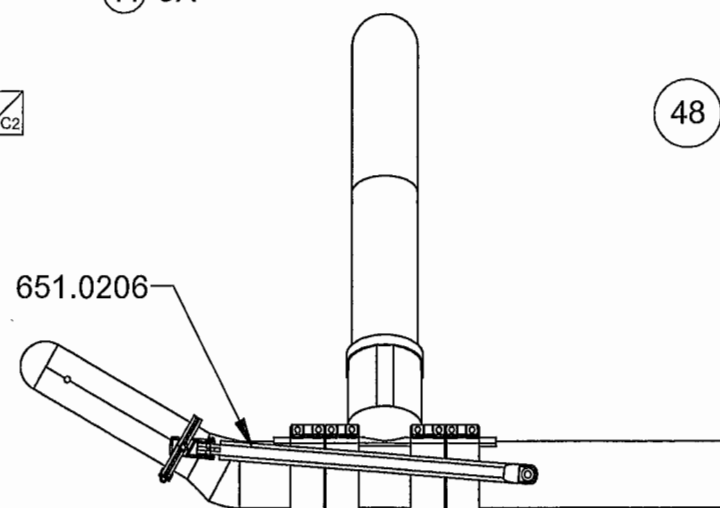
DETAIL AA $\frac{4}{C2}$



DETAIL BB $\frac{4}{A1}$



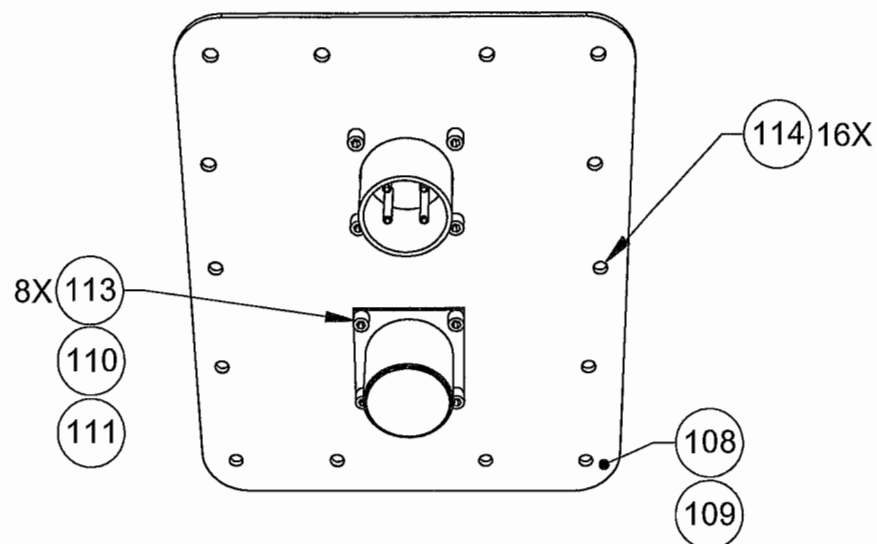
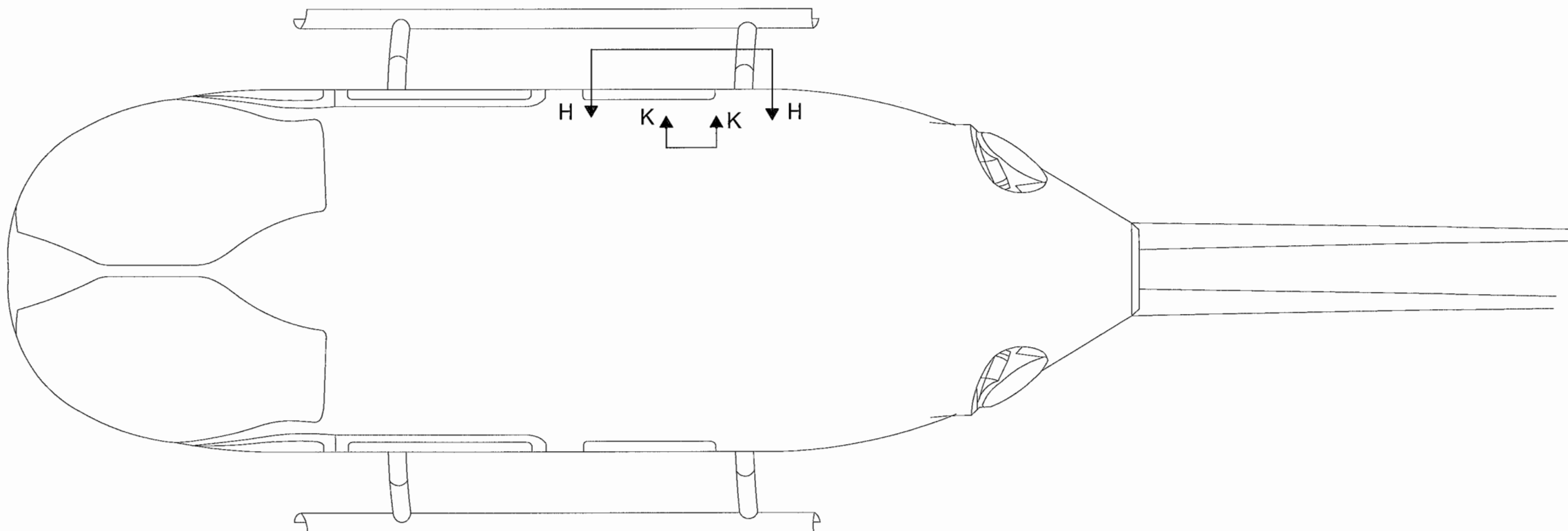
DETAIL CC $\frac{4}{A1}$



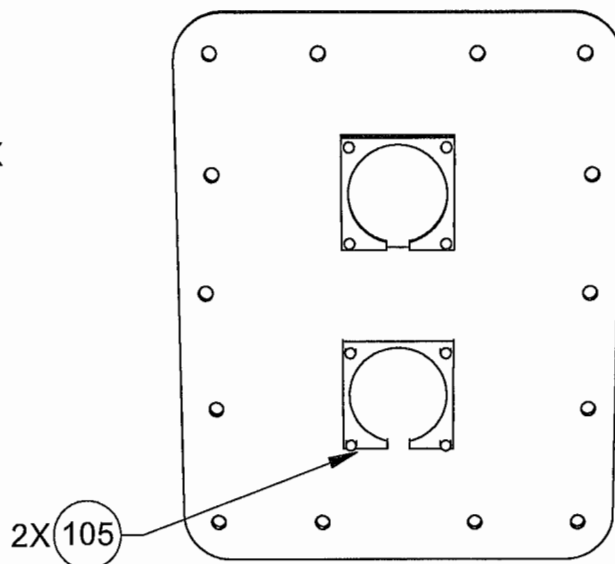
651.0206 SHOWN, 651.0208 OPP
HOIST GUARD ASSY
(OPTIONAL)

ORIGINAL DATE (MO-DA-YR) 06/25/16	DRAWN BY D. MEJIA	CHECKER P. BRAVO	3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300
DRAWING APPROVAL P. BRAVO 06/25/16	CONTRACT No.	EC145 T2 EMERGENCY	REV. K
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .05$ 3 PLACE DECIMALS $\pm .030$ ANGLES $\pm .5^\circ$	SIZE B	CAGE CODE 07MZ6	DWG. NO. 651.3400
	SCALE NONE		SHEET 8 OF 9

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SECTION H-H
180° ROTATED



SECTION K-K

ORIGINAL DATE 06/25/16
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DRAWING APPROVAL P. BRAVO 06/25/16
CONTRACT No.

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
2 PLACE DECIMALS $\pm .05$
3 PLACE DECIMALS $\pm .030$
ANGLES $\pm .5^\circ$

DART AEROSPACE
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SIZE B	CAGE CODE 07MZ6	DWG. NO. 651.3400	REV. K
SCALE NONE			SHEET 9 OF 9

